



USDA
National Agricultural Statistics Service
Upper Midwest Regional Office
nassrfoumr@nass.usda.gov
www.nass.usda.gov

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CROP PRODUCTION

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Iowa **corn** production is forecast at 2.60 billion bushels according to the latest USDA, National Agricultural Statistics Service – *Crop Production* report. Based on conditions as of August 1, yields are expected to average 202 bushels per acre, equal to last year. If realized, this will be tied for the second highest yield, 1.0 bushel per acre below the record set in 2016. Corn planted acreage is estimated at 13.3 million acres. An estimated 12.9 million of the acres planted will be harvested for grain.

Soybean production is forecast at 581 million bushels. If realized, this will be the highest production on record with 14.2 million bushels more than the previous 2016 record of 566 million. The yield is forecast at 59.0 bushels per acre, 2.5 bushels higher than 2017. If realized, this will be the second highest yield on record behind only the 60.0 set in 2016. Soybean planted acreage is estimated at 9.90 million acres with 9.84 million acres to be harvested.

Oat production for grain is forecast at 3.36 million bushels. The expected yield is 61.0 bushels per acre, down 10.0 bushels from the July forecast and down 16.0 bushels from 2017. An estimated 55,000 acres will be harvested for grain.

Iowa hay yield for **alfalfa and alfalfa mixtures** is expected to be 3.50 tons per acre with a total production of 2.91 million tons, up 15 percent from the previous year. The projected yield for **other hay** is 2.10 tons per acre, with production at 777,000 tons, down 6 percent from 2017.

The forecasts in this report are based on August 1 conditions and do not reflect weather effects since that time. The next corn and soybean production forecasts, based on conditions as of September 1, will be released on September 12.

Area Harvested, Yield, and Production Summary – Iowa and United States: 2017 and Forecasted August 1, 2018

| Crop | Area harvested | | Yield per acre | | Production | |
|------------------------|----------------|---------------|----------------|-------|------------|------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (1,000 acres) | (1,000 acres) | | | (1,000) | (1,000) |
| IOWA | | | | | | |
| Corn.....bushels | 12,900 | 12,850 | 202.0 | 202.0 | 2,605,800 | 2,595,700 |
| Hay, alfalfa..... tons | 720 | 830 | 3.50 | 3.50 | 2,520 | 2,905 |
| Hay, other..... tons | 360 | 370 | 2.30 | 2.10 | 828 | 777 |
| Oats.....bushels | 42 | 55 | 77.0 | 61.0 | 3,234 | 3,355 |
| Soybeans.....bushels | 9,940 | 9,840 | 56.5 | 59.0 | 561,610 | 580,560 |
| UNITED STATES | | | | | | |
| Corn.....bushels | 82,703 | 81,770 | 176.6 | 178.4 | 14,604,067 | 14,586,485 |
| Hay, alfalfa..... tons | 16,563 | 17,351 | 3.32 | 3.33 | 55,068 | 57,778 |
| Hay, other..... tons | 37,221 | 37,717 | 2.05 | 1.88 | 76,387 | 70,726 |
| Oats.....bushels | 801 | 1,009 | 61.7 | 65.1 | 49,391 | 65,668 |
| Soybeans.....bushels | 89,522 | 88,862 | 49.1 | 51.6 | 4,391,553 | 4,585,916 |

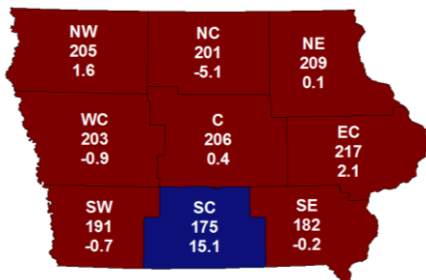
DISTRICT CROP PRODUCTION

Corn forecasted production and yield are down in 2 Iowa districts. East Central Iowa is anticipated to have the highest yield in the State, with 217 bushels per acre. The largest decrease in production is expected in North Central Iowa, down 11.1 million bushels from 2017. The only district to have an increase in both production and yield is South Central Iowa, forecasted production is up 12.6 million bushels from 2017.

Soybean production and yield are forecast to be up in 7 Iowa districts. East Central Iowa is expected to have the highest yield in the State, with 65.0 bushels per acre. The largest increase in production is expected in East Central, up 5.52 million bushels from 2017. The only district to have a decrease in both production and yield is Northwest Iowa, forecasted production is down 2.52 million bushels from 2017.

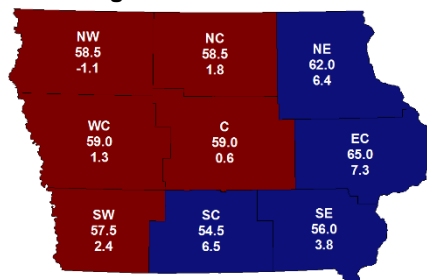
All crop forecasts in this report are based on conditions on August 1 and do not reflect weather effects since that time. The next district corn and soybean production forecasts, based on conditions as of September 1, will be released on September 12.

Corn Yield: August 1, 2018
Bushels per Acre and
Change from Previous Year



State Average: 202.0 bu/acre

Soybean Yield: August 1, 2018
Bushels per Acre and
Change from Previous Year



State Average: 59.0 bu/acre

Corn – Iowa Districts:
2017 and Forecasted August 1, 2018

| District | Harvested for Grain | | Yield/acre | | Production | |
|----------|---------------------|---------------|------------|-------------------|-----------------|-----------------|
| | 2017 | 2018 | 2017 | 2018 ¹ | 2017 | 2018 |
| | (1,000 acres) | (1,000 acres) | (bushels) | (bushels) | (1,000 bushels) | (1,000 bushels) |
| NW | 1,890 | 1,857 | 203.4 | 205.0 | 384,375 | 380,395 |
| NC | 1,838 | 1,828 | 206.1 | 201.0 | 378,772 | 367,670 |
| NE | 1,582 | 1,569 | 208.9 | 209.0 | 330,404 | 327,577 |
| WC | 1,905 | 1,927 | 203.9 | 203.0 | 388,381 | 391,483 |
| C | 1,907 | 1,891 | 205.6 | 206.0 | 392,167 | 389,122 |
| EC | 1,371 | 1,344 | 214.9 | 217.0 | 294,656 | 291,504 |
| SW | 1,020 | 1,026 | 191.7 | 191.0 | 195,515 | 195,845 |
| SC | 500 | 529 | 159.9 | 175.0 | 79,931 | 92,564 |
| SE | 887 | 879 | 182.2 | 182.0 | 161,599 | 159,540 |
| State | 12,900 | 12,850 | 202.0 | 202.0 | 2,605,800 | 2,595,700 |

¹ Yield rounded

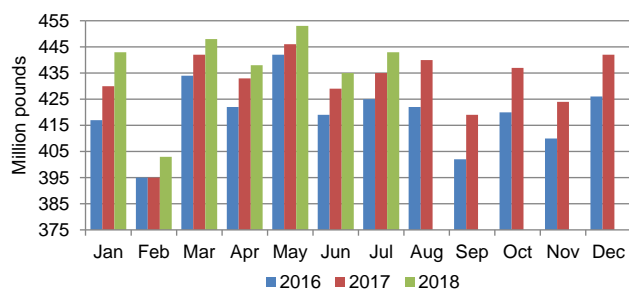
Soybeans – Iowa Districts:
2017 and Forecasted August 1, 2018

| District | Harvested for Grain | | Yield/acre | | Production | |
|----------|---------------------|---------------|------------|-------------------|-----------------|-----------------|
| | 2017 | 2018 | 2017 | 2018 ¹ | 2017 | 2018 |
| | (1,000 acres) | (1,000 acres) | (bushels) | (bushels) | (1,000 bushels) | (1,000 bushels) |
| NW | 1,541 | 1,528 | 59.6 | 58.5 | 91,841 | 89,320 |
| NC | 1,286 | 1,232 | 56.7 | 58.5 | 72,871 | 72,020 |
| NE | 803 | 803 | 55.6 | 62.0 | 44,618 | 49,770 |
| WC | 1,542 | 1,538 | 57.7 | 59.0 | 88,962 | 90,800 |
| C | 1,409 | 1,422 | 58.4 | 59.0 | 82,306 | 83,830 |
| EC | 965 | 941 | 57.7 | 65.0 | 55,683 | 61,200 |
| SW | 1,001 | 988 | 55.1 | 57.5 | 55,146 | 56,770 |
| SC | 597 | 601 | 48.0 | 54.5 | 28,630 | 32,750 |
| SE | 796 | 787 | 52.2 | 56.0 | 41,553 | 44,100 |
| State | 9,940 | 9,840 | 56.5 | 59.0 | 561,610 | 580,560 |

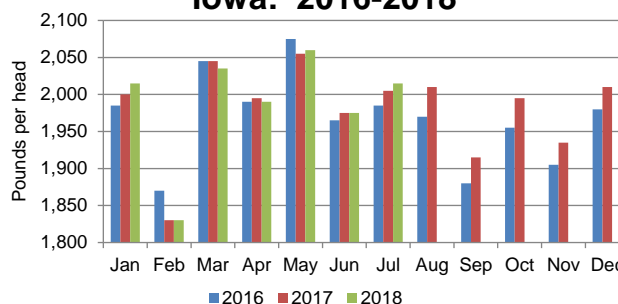
MILK PRODUCTION

Milk production in Iowa during July 2018 totaled 443 million pounds, up 2 percent from the previous July according to the latest USDA, National Agricultural Statistics Service – *Milk Production* report. The average number of milk cows during July, at 220,000 head, was unchanged from last month but 3,000 more than last year. Monthly production per cow averaged 2,015 pounds, up 10 pounds from last July.

**Milk Production
Iowa: 2016-2018**



**Milk Production per Cow
Iowa: 2016-2018**



Milk Cows and Production – Selected States: July 2017 and 2018

| State | Milk Cows ¹ | | Milk Per Cow ² | | Milk Production ² | | |
|-----------------------------|------------------------|--------------|---------------------------|--------------|------------------------------|------------------|------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | Change from 2017 |
| | (1,000 head) | (1,000 head) | (pounds) | (pounds) | (million pounds) | (million pounds) | (percent) |
| Arizona | 204 | 206 | 1,975 | 1,955 | 403 | 403 | 0.0 |
| California | 1,747 | 1,735 | 1,930 | 1,895 | 3,372 | 3,288 | -2.5 |
| Colorado | 160 | 175 | 2,255 | 2,245 | 361 | 393 | 8.9 |
| Florida | 124 | 120 | 1,645 | 1,600 | 204 | 192 | -5.9 |
| Idaho | 601 | 607 | 2,160 | 2,155 | 1,298 | 1,308 | 0.8 |
| Illinois | 93 | 93 | 1,690 | 1,680 | 157 | 156 | -0.6 |
| Indiana | 187 | 185 | 1,870 | 1,890 | 350 | 350 | 0.0 |
| Iowa | 217 | 220 | 2,005 | 2,015 | 435 | 443 | 1.8 |
| Kansas | 151 | 159 | 1,920 | 1,960 | 290 | 312 | 7.6 |
| Michigan | 427 | 423 | 2,255 | 2,255 | 963 | 954 | -0.9 |
| Minnesota | 458 | 452 | 1,835 | 1,855 | 840 | 838 | -0.2 |
| New Mexico | 332 | 328 | 2,125 | 2,135 | 706 | 700 | -0.8 |
| New York | 624 | 622 | 2,045 | 2,065 | 1,276 | 1,284 | 0.6 |
| Ohio | 262 | 257 | 1,790 | 1,820 | 469 | 468 | -0.2 |
| Oregon | 124 | 121 | 1,755 | 1,775 | 218 | 215 | -1.4 |
| Pennsylvania | 525 | 520 | 1,730 | 1,735 | 908 | 902 | -0.7 |
| South Dakota | 118 | 122 | 1,905 | 1,910 | 225 | 233 | 3.6 |
| Texas | 515 | 530 | 1,990 | 2,075 | 1,025 | 1,100 | 7.3 |
| Utah | 96 | 100 | 2,030 | 2,045 | 195 | 205 | 5.1 |
| Vermont | 129 | 126 | 1,800 | 1,785 | 232 | 225 | -3.0 |
| Virginia | 87 | 83 | 1,605 | 1,600 | 140 | 133 | -5.0 |
| Washington | 275 | 277 | 2,070 | 2,090 | 569 | 579 | 1.8 |
| Wisconsin | 1,278 | 1,274 | 2,025 | 2,055 | 2,588 | 2,618 | 1.2 |
| 23-State Total | 8,734 | 8,735 | 1,972 | 1,980 | 17,224 | 17,299 | 0.4 |

¹ Includes dry cows, excludes heifers not yet fresh.

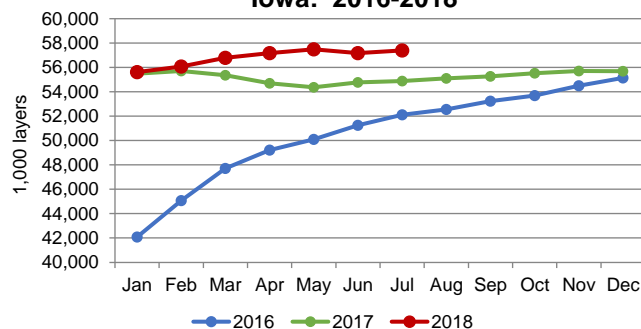
² Excludes milk sucked by calves

CHICKENS AND EGGS

Iowa **egg production** during July 2018 was 1.38 billion eggs, up 4 percent from last month and up 2 percent from last year, according to the latest *Chickens and Eggs* report from the USDA's National Agricultural Statistics Service.

The average number of **all layers on hand** during July 2018 was 57.4 million, up slightly from last month and up 5 percent from last year. **Eggs per 100 layers** for July were 2,406, up 4 percent from last month but down 2 percent from last year.

**Average Number of All Layers on Hand
Iowa: 2016-2018**



Layers on Hand and Eggs Produced – States and United States: During July 2017 and 2018

[Data may not add to totals due to rounding. Data by type of flock not shown for some states to avoid disclosing individual operations, data included in United States totals.]

| State | Table egg layers in flocks 30,000 & above | | All layers on hand | | Eggs per 100 layers | | Total egg production | | Table egg production | |
|---------------------------------|---|----------------|-----------------------|----------------|------------------------|--------------|-------------------------|-------------------|-------------------------|-------------------|
| | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 | 2017 | 2018 |
| | (1,000 layers) | (1,000 layers) | (1,000 layers) | (1,000 layers) | (eggs) | (eggs) | (million eggs) | (million eggs) | (million eggs) | (million eggs) |
| Alabama | 1,354 | 1,316 | 9,173 | 9,496 | 1,927 | 1,885 | 176.8 | 179.0 | 35.0 | 29.5 |
| Arkansas | 3,723 | 4,089 | 13,749 | 14,434 | 2,079 | 2,012 | 285.9 | 290.4 | 100.0 | 98.8 |
| California | 12,805 | 13,974 | 13,410 | 14,624 | 2,446 | 2,514 | 328.0 | 367.7 | (D) | (D) |
| Colorado | 4,181 | 4,324 | 4,606 | 4,726 | 2,540 | 2,656 | 117.0 | 125.5 | (D) | (D) |
| Florida | 6,639 | 6,585 | 7,007 | 7,015 | 2,329 | 2,356 | 163.2 | 165.3 | 158.4 | 159.7 |
| Georgia | 9,473 | 8,784 | 19,379 | 19,123 | 2,231 | 2,104 | 432.3 | 402.3 | 231.2 | 202.7 |
| Illinois | 4,390 | 5,120 | 4,863 | 5,577 | 2,540 | 2,561 | 123.5 | 142.8 | 118.7 | 139.0 |
| Indiana | 31,544 | 31,829 | 32,350 | 32,602 | 2,529 | 2,382 | 818.0 | 776.7 | 802.1 | 762.8 |
| Iowa | 53,469 | 56,107 | 54,877 | 57,408 | 2,465 | 2,406 | 1,352.9 | 1,381.3 | 1,335.5 | 1,365.6 |
| Maryland | 2,674 | 2,336 | 2,830 | 2,487 | 2,512 | 2,497 | 71.1 | 62.1 | 69.8 | 61.0 |
| Michigan | 14,113 | 14,973 | 14,335 | 15,201 | 2,514 | 2,504 | 360.4 | 380.6 | (D) | (D) |
| Minnesota | 9,811 | 10,748 | 10,336 | 11,269 | 2,535 | 2,460 | 262.0 | 277.2 | 255.6 | 269.2 |
| Mississippi | 1,493 | 1,395 | 5,681 | 5,509 | 2,107 | 2,147 | 119.7 | 118.3 | 38.2 | 36.9 |
| Missouri | 6,307 | 7,265 | 9,904 | 10,997 | 2,501 | 2,463 | 247.7 | 270.9 | (D) | (D) |
| Nebraska | 7,703 | 7,751 | 7,870 | 8,021 | 2,642 | 2,609 | 207.9 | 209.3 | 207.1 | 204.6 |
| New York | 5,228 | 5,056 | 5,591 | 5,459 | 2,586 | 2,537 | 144.6 | 138.5 | (D) | (D) |
| North Carolina | 7,025 | 6,359 | 15,206 | 14,446 | 2,157 | 2,145 | 328.0 | 309.9 | 174.2 | 155.0 |
| Ohio | 29,614 | 30,932 | 30,556 | 31,934 | 2,490 | 2,463 | 760.7 | 786.5 | (D) | (D) |
| Oregon | 2,107 | 2,240 | 2,246 | 2,379 | 2,711 | 2,606 | 60.9 | 62.0 | 60.9 | 62.0 |
| Pennsylvania | 25,471 | 25,589 | 27,479 | 27,713 | 2,528 | 2,491 | 694.6 | 690.2 | 663.8 | 657.8 |
| South Carolina | 2,775 | 2,919 | 3,984 | 4,175 | 2,304 | 2,378 | 91.8 | 99.3 | 69.2 | 76.1 |
| South Dakota | 2,603 | 2,533 | 2,745 | 2,675 | 2,477 | 2,561 | 68.0 | 68.5 | 68.0 | 68.5 |
| Texas | 17,082 | 17,903 | 21,423 | 22,386 | 2,263 | 2,272 | 484.8 | 508.5 | (D) | (D) |
| Utah | 5,112 | 4,571 | 5,150 | 4,609 | 2,505 | 2,424 | 129.0 | 111.7 | 129.0 | 111.7 |
| Virginia | 761 | 824 | 2,589 | 2,592 | 2,186 | 2,249 | 56.6 | 58.3 | 23.0 | 24.6 |
| Washington | 6,623 | 6,761 | 6,788 | 6,926 | 2,600 | 2,479 | 176.5 | 171.7 | (D) | (D) |
| Wisconsin | 5,379 | 6,062 | 6,006 | 6,746 | 2,561 | 2,416 | 153.8 | 163.0 | (D) | (D) |
| Other States ¹ | 23,534 | 25,113 | 32,499 | 34,505 | 2,268 | 2,279 | 737.2 | 786.5 | 603.6 | 647.6 |
| United States | 302,993 | 313,458 | 372,632 | 385,034 | 2,403 | 2,364 | 8,952.9 | 9,104.0 | 7,782.1 | 7,903.1 |

(D) Withheld to avoid disclosing data for individual operations.

¹ Includes data for states not published in this table.